

CLAIM AMENDMENTS

1 1. (Previously presented) A spinneret for spinning
2 thermoplastics comprising a central polymer melt inlet passage, a
3 filter arrangement comprising of a plurality of filter disks of
4 different filter fineness which are fixedly bonded together by cold
5 pressing, a spinneret plate and a housing which closely surrounds
6 and receives the filter arrangement and the spinneret plate, said
7 filter arrangement being free from a sealing enclosure and com-
8 prised of a material with a higher thermal expansion coefficient
9 than that of the material from which the housing surrounding it is
10 fabricated so that a press-fit seal able to sustain pressure of a
11 polymer melt is formed directly between said filter arrangement and
12 said housing.

2. (Canceled)

1 3. (Previously presented) A spinneret for spinning of
2 thermoplastics comprising a central polymer inlet passage, a filter
3 arrangement consisting of a plurality of filter disks of different
4 filter fineness which are fixedly bonded together by cold pressing
5 with one another, a spinneret plate and a housing closely surround-
6 ing and receiving the filter arrangement and the spinneret plate,
7 said filter arrangement being free from any sealing enclosure, said
8 filter arrangement and said spinneret plate being comprised of
9 materials with a higher thermal expansion coefficient than the
10 material from which the housing surrounding them is fabricated so
11 that press-fit seals able to sustain pressure of a polymer melt are

12 formed directly between said filter disks and said housing and
13 between said spinneret plate and said housing.

1 4. (Currently Amended) The spinneret according to claim
2 1 ~~claim 2~~, or claim 3 wherein the spinneret plate and the filter
3 arrangement are composed of austenitic steel selected from steel
4 Nos. 1.4301, 1.4541 and 1.4580 with a relatively high thermal
5 expansion coefficient and the housing is fabricated from steel No.
6 1.4057.

1 5. (Currently Amended) The spinneret according to claim
2 1 ~~claim 2~~ or claim 3 ~~characterized in that~~ wherein the dimen-
3 sioning is so selected that the fit between the outer diameter of
4 the spinneret plate and the filter arrangement and a bore in the
5 surrounding housing provides a slight play fit at room temperature
6 which is transformed at operating temperatures based upon the
7 different expansions of the parts, into a self-sealing radial press
8 fit.

1 6. (Currently Amended) The spinneret according to claim
2 1 ~~claim 2~~ or claim 3 wherein the spinneret plate has a lower half
3 formed with a thread directly screwed into the housing and forming
4 a stop in the housing such that a spinning orifice pattern of the
5 spinneret plate always has the same orientation.

1 7. (Currently Amended) The spinneret according to claim
2 1 ~~, claim 2~~ or claim 3 ~~characterized in that~~ wherein the housing
3 ~~(1)~~ has at its lower end a projecting collar which has at least
4 three grooves for receiving a tool for screwing the spinning system
5 in and out and ~~in that~~ the spinneret plate ~~(3)~~ is thereby protected
6 against detrimental contact during handling.